

**Comprehensive Site Profile (Sum-8)****West Valley Demonstration Project - Most Current Actual Data**

Data Sources: Facility Information Management System - November 2003
EM Corporate - FY 2001 Update
Pollution Prevention - 2002
Materials in Inventory - 1996

Facility Status	Reported Number of Facilities
Operating	2
Operational Standby	0
Shutdown Pending Transfer	0
Shutdown Pending D&D	0
D&D in Progress	0
Operating Pending D&D	7
Operating Under an Outgrant	0
Transfer to Another Federal Agency	0
Sale	0
Demolished	0
Deactivation	0
Shutdown Pending Disposal	0
No Information Provided	0
Total	9

Hazard Category Group *	Reported Number of Facilities
Radiological	0
Chemical Hazard	0
Radiological & Chemical Hazard	0
Not Applicable	0
No Information Provided	0
Total	1

* For the purposes of the CID, facilities with a "Radiological" Hazard Category Group are broadly defined to include those facilities that meet the definition for either Nuclear Facility Category 1, Nuclear Facility Category 2, Nuclear Facility Category 3, or Radiological Facility as defined in DOE Standard 1027-92. Facilities with a "Chemical Hazard" Hazard Category Group are those that contain quantities of chemicals that exceed the threshold quantity for those chemicals as defined by OSHA's Chemical Process Safety regulation 29 CFR 1910.119, Appendix A. Facilities with a "Radiological and Chemical Hazard" Hazard Category Group are those that meet the Radiological and Chemical Hazard definition. The Hazard Category Group of "Not Applicable" refers to facilities that do not meet either the Radiological or Chemical Hazard definition. "No Information Provided" is listed for a facility when no information pertaining to the Hazard Category Group is available.

Radioactive Waste Summary - 2000 Actual Data

Waste Type	Starting Inventory (m3)*	Reporting Period Additions (m3)*			Reporting Period Disposition Quantity (m3)*			Ending Inventory (m3)
		New	Process Outputs	Receipts	Treatment	Disposal	Other	
High Level Waste	109.0000	0.000	0.000	0.000	40.000	0.000	0.000	69.00
High Level Waste-Vitrified	241.0000	0.000	10.000	0.000	0.000	0.000	0.000	251.00
Low Level Waste	16,279.4000	1,085.020	1,772.100	0.000	0.000	1,772.100	1,009.000	16,409.86
Mixed Low Level Waste	146.9360	64.091	0.000	0.000	8.836	0.000	0.000	80.36
Transuranic Waste	539.6000	8.040	0.000	0.000	0.000	0.000	0.000	547.64

The management activity of "Other" is calculated by adding the values for NPDES discharges, recycling, other processing, and return to remediation unit.

Material balance may not be reflected in some CID reports for 1999 and 2000 data because inventory adjustments have been incorporated in the Ending Inventories.

*** For Vitrified HLW, quantities are shown in "Number of HLW Canisters."**

HLW generation data in the CID includes waste volumes that are incidental to the reprocessing of HLW.

Spent Nuclear Fuel Summary - 2000 Actual Data

Material	SNF Amount to be Managed (MTHM)***				SNF Disposition Activity (MTHM)***			
	Starting Inventory	On-Site Generation	Off-Site Receipts	Total	On-Site Treatment	Ship to other DOE Site for Management/Storage	Ship for Final Disposition	Total
Spent Nuclear Fuel	26.3200	0.0000	0.0000	26.3200	0.0000	0.0000	0.0000	0.0000

*** SNF amounts are reported in metric tons of heavy metal (MTHM)

Mass is not conserved (ie. Total SNF Amount to be Managed and Total SNF Final Disposition are not equal) because this report presents data for only one year in the stream lifecycle". The difference between Total SNF to Be Managed and Total SNF Final Disposition is the ending inventory for the current year shown on the report.

Non-Radioactive Hazardous Waste

Classification	Waste Type	Amount (Metric Tons)
Hazardous	Non Routine RCRA	0.20
	Routine RCRA	0.30
	Non Routine State	0.00
	Routine State	0.00
	Non Routine TSCA	0.00
	Routine TSCA	0.00
Sanitary	Non Routine	0.00
	Routine	331.21
Total		331.71

Materials in Inventory (1996 Information Only)

Material Name	Material Category	Material Volume
Commercial Fuel	Spent Nuclear Fuel	26,790.00 Kilograms
Platinum	Scrap Metal and Equipment	12.35 Troy Ounces